

Special Issue

Sustainable Management of Grape Production and Vineyards—2nd Edition

Message from the Guest Editor

Agriculture has always been a significant challenge, and this is especially true in times of frequent and rapid global changes, with the viticulture world becoming even more challenging and complex, as old traditions evolve and scientific and technological innovation develops at a rapid pace. The challenges facing viticulture are related to climate change, manpower shortages and limited resources, along with the desire to improve profitability and wine quality while adhering to the principles of sustainability. Existing solutions to such challenges can emerge from the traditional world of breeding, irrigation, fertilization, pruning, canopy and pest management and other agrotechnical practices, as well as from artificial intelligence, remote sensing or advanced sensors. Combining innovative and traditional methods can yield profitable and sustainable solutions, possibly meeting these new challenges. This Special Issue is a continuation of the previous Special Issue, and it will focus on agrotechnical solutions for more profitable and sustainable viticulture, inviting research works that cover wine quality. Original research articles and reviews will both be accepted.

Guest Editor

Prof. Dr. Yishai Netzer
Department of Chemical Engineering, Ariel University, Ariel 40700,
Israel

Deadline for manuscript submissions

closed (30 April 2026)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/251686

Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)





Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)



About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

Editor-in-Chief

Prof. Dr. Les Copeland
Sydney Institute of Agriculture, School of Life and Environmental
Sciences, The University of Sydney, Sydney, NSW 2006, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), GEOBASE, PubAg, AGRIS, RePEc, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)